

DOE-ISM MEASURES (QUARTERLY)

Note: Provided below are data for NETL for the first quarter of CY 2003.
(1/01/03 through 3/31/03)

- A. **TOTAL RECORDABLE CASE RATE** - Work-related death, injury or illness, which resulted in loss of consciousness, restriction of work or motion, transfer to another job, or required medical treatment beyond first aid.

CONTRACTOR

Total number of OSHA Recordable Cases = 4

Total hours worked = 285,174

Total Recordable Case Rate = $4 \times 200,000 \div 285,175 = 2.81$

DOE

Total number of OSHA Recordable Cases = 1

Total hours worked = 300,440

Total Recordable Case Rate = $1 \times 200,000 \div 300,440 = 0.67$

- B. **OCCUPATIONAL SAFETY AND HEALTH COST INDEX**

Cost Index - The approximate dollar loss (direct and indirect) per 100 hours worked of all injuries and illnesses, calculated as follows: $100 (1,000,000 D + 500,000 T + 2,000 LWC + 1,000 WDL + 400 WDLR + 2,000 NFC)$ divided by total work hours.

Note: Coefficients in the Cost Index formula are weighting factors which were derived from a study of the direct and indirect dollar costs of injuries.

Where:

D = The number of fatalities.

T = The number of permanent transfers or terminations due to occupational illness or injury.

LWC = The number of lost workday cases.

WDL = The number of days away from work.

WDLR = The number of restricted workdays.

NFC = The number of non-fatal cases without days away from work or restricted

workdays.

CONTRACTOR

D = 0, T = 0, LWC = 3, WDL = , WDLR = 0, NFC = 1

Occupational Safety and Health Cost Index = $100 (1,000,000 \times 0 + 500,000 \times 0 + 2000 \times 3 + 1,000 \times 79 + 400 \times 19 + 2000 \times 1) = 9,460,000 \div 285,174 = 33.17$

DOE

D = 0, T = 0, LWC = 1, WDL = 2, WDLR = 0, NFC = 0

Occupational Safety and Health Cost Index = $100 (1,000,000 \times 0 + 500,000 \times 0 + 2000 \times 1 + 1,000 \times 2 + 400 \times 0 + 2000 \times 0) = 400,000 \div 300,440 = 1.33$

- C. REPORTABLE OCCURRENCES OF RELEASES TO THE ENVIRONMENT -**
Releases of radio nuclides, hazardous substances, or regulated pollutants that are reportable to federal, state, or local agencies.

Time Period	Reportable Occurrences of Releases		
	PGH	MGN	Total
1st Quarter 2003	0	0	0